

03/22/2019

Reporting period 8

### **Intercontinental Terminals Company (ITC) Fire**

#### **AIR MONITORING:**

EPA conducted handheld air monitoring from March 21, 2019 (12:00 pm) to March 22, 2019 (4:00 am) to at 32 locations. Results were reported above the detection limit at one location for total volatile organic compounds (VOCs) and benzene. Benzene was detected at this one location above the short-term AMCVs for benzene (0.18 ppm). EPA will conduct additional air monitoring and deploy the Trace Atmospheric Gas Analyzer (TAGA) to determine if the short-term AMCV for benzene continues to be exceeded.

#### **SURFACE WATER SAMPLES:**

EPA conducted surface water sampling at five locations along Buffalo Bayou. One location was above the confluence of Tucker Bayou and Buffalo Bayou, one location was at the confluence of Tucker Bayou and Buffalo Bayou and three were downstream from the confluence of Tucker Bayou and Buffalo Bayou.

#### **TAGA**

EPA conducted air sampling using the Trace Atmospheric Gas Analyzer (TAGA) on March 21, 2019. The TAGA analyzed the air samples for benzene, toluene and xylene. The TAGA air sampling results were compared to compared to the Texas Commission on Environmental Quality (TCEQ) short-term Air Monitoring Comparison Values (AMCVs) and found no exceedances of the short-term AMCVs for toluene and xylene. The TAGA air sampling results found seven locations at the short-term AMCV for benzene was exceeded. These locations corresponded to gasoline stations and traffic congestion along the Sam Houston Tollway (Beltway 8). These exceedances of the AMCV for benzene are unrelated to the ITC site.